

NOTICE OF RECEIPT OF THE PERMIT RENEWAL APPLICATION FOR THE U.S. DEPARTMENT OF ENERGY'S OAK RIDGE NATIONAL LABORATORY

The U.S. Department of Energy's (DOE's) Oak Ridge National Laboratory (ORNL) submitted a Part A and Part B hazardous waste management permit application on November 30, 2004, to the Tennessee Department of Environment and Conservation's (TDEC's) Division of Solid Waste Management (DSWM) to renew its current permit (TNHW-010A) to continue to store hazardous mixed waste and add treatment of hazardous waste in containers at its facility located on Bethel Valley Road in Oak Ridge, Roane and Anderson Counties, TN 37831 (see map). This action follows the Pre-Application Public Meeting conducted by the facility on November 22, 2004, as required by Tennessee Rule 1200-1-11-.07(2)(c)3(i). No comments were received at this meeting.

ORNL (Facility ID No.: TN1 89 009 0003) is one of three major complexes located on the DOE federal reservation, known as the Oak Ridge Reservation (ORR). The co-operators of the facility are Bechtel Jacobs Company LLC and WESKEM, LLC. ORNL is a multipurpose research and development (R&D) facility. The main focus of ORNL is on technology development of national importance, including identifying and developing solutions to complex problems in energy-based technologies such as materials development, separation techniques, chemical processes, biological screening, and biotechnology. As a result of this research, hazardous wastes, radioactive wastes, and mixed wastes (both radioactive and hazardous) are generated.

The current permit, issued on May 30, 1995, for storage only, is effective for ten (10) years. This permit allows the facility to store a maximum quantity of 154,880 gallons of hazardous waste in containers in eleven storage areas (Buildings 7651, 7652, 7653, 7654, 7507, 7507W, 7668, 7669, 7934, and Portable Unit No. 1, and Portable Unit No. 2). Since then Buildings 7507, 7668, 7669, and 7934 have been certified closed. This permit was later modified to add treatment to the remaining permitted units. The maximum quantity of hazardous waste to be treated in each of the seven units by neutralization is 1,102 lb/day and by stabilization of peroxide is 4.4 lb/day. The maximum quantity of absorbent to be added in each of the seven hazardous waste containers is 2,204 lb/day. The maximum quantity of hazardous waste to treat water reactive alkaline metals in Portable Units 1 and 2 is 2.2 lb/day each.

The renewal application is for the continuance of storage and treatment in the seven of the remaining container storage areas (Buildings 7651, 7652, 7653, 7654, 7507W, Portable Unit No. 1, and Portable Unit No. 2). The total maximum quantity for storage of hazardous and mixed wastes is 68,860 gallons. The maximum quantity of hazardous waste to be treated is as above.

Solid waste management units (SWMUs) and Areas of Concern (AOCs) at the ORR, including previous or ongoing investigations or corrective actions for all releases of hazardous wastes or hazardous constituents, has been included in DOE's site-wide corrective action permit, TNHW-121, issued on September 28, 2004. The conditions of this permit require that any future and existing SWMUs or AOCs be evaluated for potential releases and remediation, as necessary.

Tennessee Hazardous Waste Management Regulations require that the facility submit the permit renewal application 180 days before the current permit expires, which is May 30, 2005. This will enable ORNL to continue to operate under the current permit until another permit is issued or denied. Renewal of this permit will allow DOE to continue its operation for an additional period up to 10 years.

As set forth in the Regulations, a complete permit application, consisting of a Part A and a Part B, must include certain text, drawings and other information adequate to demonstrate that the facility will comply with the various technical and administrative standards applicable to such a facility. Evaluation of the renewal application involves an in-depth review of the application materials by DSWM staff and subsequent correspondence between DSWM and the facility identifying and correcting any deficiencies in the submitted information. Once it determines the application is complete, DSWM will make a tentative decision to either grant or deny the permit and issue either a draft permit or a notice of intent to deny the permit. Public Notice will be given of this tentative decision, and the public will have at least 45 days to submit written comments on the draft permit/proposed action. A public hearing, if requested, may also be held to receive public comments within this public comment period. After considering the public comments received and making any appropriate revisions, the DSWM director will issue a final permit decision to either issue a final permit or terminate the existing permit. A Response to Comments will also be issued at that time.

Interested persons may view the renewal application at any of the following locations: TDEC's Knoxville Environmental Assistance Center, Public Access Area, Suite 220 - State Plaza, 2700 Middlebrook Pike, Knoxville, TN 37921 (865-594-6035); Oak Ridge Public Library, Civic Center, 1401 Oak Ridge Turnpike, Oak Ridge, TN (865-425-3457); Kingston Public Library, 1004 Bradford Way, Kingston, TN (865-376-9905); DOE Information Center, 475 Oak Ridge Turnpike, Oak Ridge, TN (865-241-4780); and TDEC Department of Energy Oversight Division Office, 761 Emory Valley Road, Oak Ridge, TN (865-481-0995). Normal state office hours are 8:00 a.m. to 4:30 p.m. on weekdays, excluding legal holidays.

Further information on this matter may be obtained by contacting Mr. Tom Perry; Bechtel Jacobs Company LLC; P.O. Box 2003, Mail Stop 7593; Oak Ridge, TN 37831-7593; phone 865-576-5587. Also information, opinions, and inquiries may be directed throughout the permit review process to Ms. Dilraj Mokha; Treatment, Storage and Disposal Section; Division of Solid Waste Management; TDEC; 5th Floor, L & C Tower; 401 Church Street; Nashville, TN 37243-1535; phone 615-532-0821, fax 615-532-0886 or e-mail Dilraj.Mokha@state.tn.us.

Persons wishing to be on DSWM's mailing list should request a Mailing List Request form by calling or writing: Public Participation Officer; Division of Solid Waste Management; TDEC; 5th Floor, L & C Tower; 401 Church Street; Nashville, TN 37243-1535; telephone 615-532-0798 or e-mail Solid.Waste@state.tn.us.

TDEC is committed to principles of equal opportunity, equal access, and affirmative action. Contact the EEO/AA Coordinator at 1-888-867-2757 or the ADA Coordinator at 1-866-253-5827 for further information. Hearing impaired callers may use the Tennessee Relay Service (1-800-848-0298).

NOTICE ISSUED: December 24, 2005

